

# FORCE PROTECTION

Develop, demonstrate and transition advanced technologies for future protection of today's warfighter in the areas of individual Marine platforms, equipment and autonomous systems. Enhance the ability to stop the most common threats, counter and readily adapt to future threats from a global network of violent extremists while minimizing impact on mission accomplishment.

## FOCUS AREA

### HUMAN PERFORMANCE, TRAINING & SURVIVABILITY

**FP STO-1:** Technology that provides improved protection for the individual against fragments, projectiles, and lasers with reduced weight and impact on ability to perform required functions

**FP STO-3:** Incorporation of improved materials for the future vehicles and aircraft that provide improved levels of protection at reduced weight and volume

### MANEUVER

**FP STO-3:** Incorporation of improved materials for the future vehicles and aircraft that provide improved levels of protection at reduced weight and volume

**FP STO-4:** Active protection system for vehicles against rocket propelled grenades

### MINE COUNTER MEASURES

FP STO-3

## PROJECT

MARINE ADVANCED COMBAT HEADBORNE SYSTEM (E&D)

SURVIVABILITY SYSTEMS MATERIALS (D&I)

SHOCK MITIGATED SEAT - PHASE II (D&I)

ELECTRO-MAGNETIC NON-EXPLOSIVE ARMOR (D&I)

COMBAT S&T WHOLE SYSTEM TRADE STUDY (D&I)

ADVANCED ELECTRO-MAGNETIC ARMOR (D&I)

ACTIVE RPG DEFENSE (FNC)

ULTRA ARMORED PATROL VEHICLE (D&I)

ULTRA APV SURVIVABILITY ENHANCEMENTS (Plus-Up)

EXPLOSION RESISTANT COATING ACTD (D&I)

SHOCK MITIGATED SEAT - PHASE II (D&I)

VEHICLE COMPOSITE ARMOR (MCWL)

M&S TOOLS FOR MINE BLAST MODELING (D&I)

MINE SURVIVABLE TESTBED VEHICLE (D&I)